ANALYTICA CHIMICA ACTA, VOL. 251 (1991)

AUTHOR INDEX

Abdallah, A.M.

-, Khalifa, M.E. and Akl, M.A.

Spectrophotometric determination of phosphate with alizarin red sulphonate 207

Agureyev, V.G., see Stan'kov, I.N. 223

Akiyama, A., see Tamiya, E. 129

Akl, M.A., see Abdallah, A.M. 207

Al-Bazi, S.J., see Hidalgo, M. 233

Allain, P.

—, Berre, S., Premel-Cabic, A., Mauras, Y., Delaporte, T. and Cournot, A.

Investigation of the direct determination of uranium in plasma and urine by inductively coupled plasma mass spectrometry 183

Andres, R.T.

- and Sevilla, III, F.

Fibre-optic reflectometric study on acid-base equilibria of immobilized indicators: effect of the nature of immobilizing agents 165

Antinore, M.J., see Redman-Furey, N.L. 79

Bador, R.

- and Morin, M.

Erythrosin as energy acceptor in a biphasic chemiluminescent system for glucose oxidase detection 215

Bennett, D.W., see Smith, E.T. 27

Beresnev, A.N., see Stan'kov, I.N. 223

Bernard, M., see Giraudeau, A. 39

Berre, S., see Allain, P. 183

Boguslavsky, L.I., see Hale, P.D. 121

Bolshov, M.A.

-, Boutron, C.F., Ducroz, F.M., Görlach, U., Kompanetz, O.N., Rudniev, S.N. and Hutch, B.

Direct ultratrace determination of cadmium in Antarctic and Greenland snow and ice by laser atomic fluorescence spectrometry 169

Boutron, C.F., see Bolshov, M.A. 169

Brown, R.H., see Burse, V.W. 281

Buckley, D.J., see Burse, V.W. 281

Burse, V.W.

—, Korver, M.P., Phillips, D.L., McClure, P.C., Caudill, S.P., Miller, D.T., Timperi, R.J., Kappes, R.A., Buckley, D.J., Gallagher, K.A., Nassif, J., Peisch, R. and Brown, R.H.

Possible approaches to establishing interlaboratory comparability of measurements of polychlorinated biphenyls in human serum 281 Bury, R.

-, Treiner, C., Chevalet, J. and Makayssi, A.

Peculiar solubilization thermodynamics of pentan-1-ol in mixed surfactant solutions of benzyldimethyltetradecylammonium chloride and trimethyltetradecylammonium chloride: a calorimetric investigation 69

Carr, P.W., see Dallas, A.J. 83

Caudill, S.P., see Burse, V.W. 281

Cerdà, V., see Gómez, E. 305

Cheng, I.F.

Determination of stepwise stability constants for aqueous hexacyanoferrate-tetramethylammonium ions pairs by cyclic voltammetry 35

Chevalet, J., see Bury, R. 69

Cournot, A., see Allain, P. 183

Dallas, A.J.

- and Carr, P.W.

Direct chromatographic comparison of the relative adsorption activity of various types of capillary transfer tubing 83

Delaporte, T., see Allain, P. 183

Diamond, D., see Telting-Diaz, M. 149

Downard, A.J.

-, Powell, H.K.J. and Xu, S.

Voltammetric determination of aluminium(III) using a chemically modified electrode 157

Ducroz, F.M., see Bolshov, M.A. 169

Durst, R.A.

- and Hume, D.N.

Effect of ionic strength on the polarographic half-wave potential 3

Dutra, A.J.B., see Espinola, A. 53

Espinola, A.

-, Dutra, A.J.B. and Silva, F.T.

Mechanism of the electrochemical reduction of tantalum(V) in molten fluorides 53

Estela, J.M., see Gómez, E. 305

Feinberg, B.A., see Smith, E.T. 27

Freiser, H., see Hidalgo, M. 233

Furusawa, M., see Tachibana, M. 241

Gallagher, K.A., see Burse, V.W. 281 Gamoh, K.

- and Imamichi, S.

Postcolumn liquid chromatographic method for the determination of cyanide with fluorimetric detection 255

Giraudeau, A.

-, Meray, M.E., Gross, M., Piechocki, C. and Bernard, M.

Redox behaviour of phthalocyanines bearing aliphatic and polyethylene oxide chains 39

Gladney, E.S., see Sims, K.W.W. 297

Gómez, E.

-, Estela, J.M. and Cerdà, V.

Simultaneous thermometric determination of manganese and lead based on their catalytic effect on the oxidation of Tiron by hydrogen peroxide 305

Gonzalez, A.G.

- and Pablos, F.

Evaluation of acidity constants in dioxane-water mixtures by spectrophotometric and potentiometric pH titrations 321

Görlach, U., see Bolshov, M.A. 169 Gross, M., see Giraudeau, A. 39 Guerrieri, A., see Zambonin, P.G. 101 Guilard, R., see Kadish, K.M. 47 Gurira, R.C., see Madungwe, L. 109

Hale, P.D.

-, Lan, H.L., Boguslavsky, L.I., Karan, H.I., Okamoto, Y. and Skotheim, T.A.

Amperometric glucose sensors based on ferrocene-modified poly(ethylene oxide) and glucose oxidase 121

Hauge, S.

-, Marøy, K. and Thorlacius, A.

Detection of some sulphur anions and colloidal sulphur by flame molecular emission spectrometry 197

Hidalgo, M.

-, Masana, A., Salvadò, V., Freiser, H., Al-Bazi, S.J. and Valiente, M.

Accelerated mass transfer of palladium(II) through a selective solid-supported liquid membrane containing Cyanex 471 233

Higashijima, T., see Imasaka, T. 191 Huang, B., see Yuan, D. 187

Hume, D.N., see Durst, R.A. 3 Hutch, B., see Bolshov, M.A. 169

Imai, K., see Nishitani, A. 247 Imamichi, S., see Gamoh, K. 255

Imasaka, T.

—, Higashijima, T. and Ishibashi, N.

Dehydrogenase and ethanol assay based on visible semiconductor laser spectrometry 191

Ishibashi, N., see Imasaka, T. 191

Jespersen, N.D., see Naughton, A.B.J. 95 Jordan, J., see Lynch, J.A. 59 Jun, Z., see Motomizu, S. 269

Kadish, K.M.

-, Liu, Y.H., Sazou, D., Senglet, N. and Guilard, R.

Structural effects on metalloporphyrin redox potentials. Electroreduction of mono-N-hexadecylpyridiniumporphyrins in non-aqueous media 47

Kanda, S., see Nishitani, A. 247

Kappes, R.A., see Burse, V.W. 281

Karan, H.I., see Hale, P.D. 121 Karube, I., see Muramatsu, H. 135

Karube, I., see Tamiya, E. 129

Khalifa, M.E., see Abdallah, A.M. 207

Kompanetz, O.N., see Bolshov, M.A. 169

Korver, M.P., see Burse, V.W. 281

Ladde, A., see Vopel, T. 117

Lan, H.L., see Hale, P.D. 121

Lanin, S.N., see Stan'kov, I.N. 223 Liu, Y.H., see Kadish, K.M. 47

Lynch, J.A.

- and Jordan, J.

Ferroelectric temperature sensors for thermometric titrations and enthalpimetric analysis 59

Lysenko, V.V., see Stan'kov, I.N. 223

Madungwe, L.

-, Zaranyika, M.F. and Gurira, R.C.

Reversed-phase liquid chromatographic determination of cyanide as 1-benzoyl-1,2-dihydroquinaldonitrile 109

Makayssi, A., see Bury, R. 69

Marøy, K., see Hauge, S. 197

Masana, A., see Hidalgo, M. 233

Mauras, Y., see Allain, P. 183 McClure, P.C., see Burse, V.W. 281

Meray, M.E., see Giraudeau, A. 39

Miller, D.T., see Burse, V.W. 281

Mizoshita, S., see Tamiya, E. 129

Mo, Z., see Wei, W. 143

Morin, M., see Bador, R. 215

Motomizu, S.

-, Oshima, M. and Jun, Z.

Fluorimetric determination of boron with chromotropic acid by flow-injection analysis 269

Muia, L.

- and Van Grieken, R.

Determination of rare earth elements in geological materials by total reflection x-ray fluorescence 177

Müller, H., see Vopel, T. 117

Muralidhar, H.S., see Reddi, G.S. 205

Muramatsu, H.

-, Tamiya, E. and Karube, I.

Odorant recognition using quartz resonators coated with a mixed film of asolectin and cholesterol and monitoring the viscoelastic change of the film 135

Nakajima, K., see Tamiya, E. 129

Nassif, J., see Burse, V.W. 281

Naughton, A.B.J.

- and Jespersen, N.D.

Detection of nitroaromatics as mutagenic components of used motor oils 95

Navera, E.N., see Tamiya, E. 129

Nishitani, A.

-, Tsukamoto, Y., Kanda, S. and Imai, K.

Determination of the fluorescent drugs dipyridamole and benzydamine in rat plasma by liquid chromatography with peroxyoxalate chemiluminescence detection 247

Novič, M.

- and Pihlar, B.

Determination of the separation efficiency of semipermeable membranes using a two sample loop-based flow-injection system 261

Nuwer, M.J.

-, O'Dea, J.J. and Osteryoung, J.

Analytical and kinetic investigations of totally irreversible electron transfer reactions by square-wave voltammetry 13

O'Dea, J.J., see Nuwer, M.J. 13

Okamoto, Y., see Hale, P.D. 121

Oshima, M., see Motomizu, S. 269

Osteryoung, J., see Nuwer, M.J. 13

Pablos, F., see Gonzalez, A.G. 321

Palmisano, F., see Zambonin, P.G. 101

Peisch, R., see Burse, V.W. 281

Pérez-Bendito, D., see Xiong, R. 313

Phillips, D.L., see Burse, V.W. 281

Piechocki, C., see Giraudeau, A. 39

Pihlar, B., see Novič, M. 261

Powell, H.K.J., see Downard, A.J. 157

Premel-Cabic, A., see Allain, P. 183

Rao, C.R.M., see Reddi, G.S. 205

Rao, T.A.S., see Reddi, G.S. 205

Rechnitz, G.A., see Takeuchi, T. 291

Reddi, G.S.

Rao, C.R.M., Rao, T.A.S. and Muralidhar, H.S.

Cold decomposition procedure for the spectrophotometric determination of titanium in ores and minerals 205

Redman-Furey, N.L.

- and Antinore, M.J.

Determination of partition coefficients between dimyristoylphosphatidylcholine and water using differential scanning calorimetry 79

Rotunno, T., see Zambonin, P.G. 101

Rudniev, S.N., see Bolshov, M.A. 169

Salvadò, V., see Hidalgo, M. 233

Sazou, D., see Kadish, K.M. 47

Senglet, N., see Kadish, K.M. 47

Sevilla, III, F., see Andres, R.T. 165

Silva, F.T., see Espinola, A. 53

Silva, M., see Xiong, R. 313

Sims, K.W.W.

and Gladney, E.S.

Determination of arsenic, antimony, tungsten and molybdenum in silicate materials by epithermal neutron activation and inorganic ion exchange 297

Skotheim, T.A., see Hale, P.D. 121

Smith, E.T.

-, Bennett, D.W. and Feinberg, B.A.

Redox properties of 2[4Fe-4S] ferredoxins 27

Smyth, M.R., see Telting-Diaz, M. 149

Stan'kov, I.N.

-, Tarasov, S.N., Agureyev, V.G., Beresnev, A.N., Lysenko, V.V. and Lanin, S.N.

Development of gas chromatographic methods for determining the enantiomeric composition of organic compounds 223

Sugiura, Y., see Tamiya, E. 129

Szpunar-Łobińska, J.

Extraction flow-injection spectrophotometric determination of bismuth with lead tetramethylenedithiocarbamate

Tachibana, M.

- and Furusawa, M.

Selective separations of small amounts of naphthacene and 5H-benzo(b)carbazole from analogous polycyclic aromatic compounds using bibenzyl as a zone-melting medium 241

Takeuchi, T.

-, Ying Tham, S. and Rechnitz, G.A.

Biotin binding assay utilizing avidin-peroxidase conjugate and iminobiotin immobilized on polystyrene beads 291

Tamiya, E.

-, Sugiura, Y., Navera, E.N., Mizoshita, S., Nakajima, K., Akiyama, A. and Karube, I.

Ultramicro acetylcholine sensor based on an enzyme-modified carbon fibre electrode 129

Tamiya, E., see Muramatsu, H. 135

Tarasov, S.N., see Stan'kov, I.N. 223

Telting-Diaz, M.

-, Diamond, D. and Smyth, M.R.

Flow-injection analysis with tetrameric calixarene-based potentiometric detection 149

Thorlacius, A., see Hauge, S. 197

Timperi, R.J., see Burse, V.W. 281

Treiner, C., see Bury, R. 69

Tsukamoto, Y., see Nishitani, A. 247

Valiente, M., see Hidalgo, M. 233

Van Grieken, R., see Muia, L. 177

Velasco, A., see Xiong, R. 313

Vopel, T.

-, Ladde, A. and Müller, H.

Amperometric glucose sensor with a photolithographically patterned enzyme membrane 117

Wang, X., see Yuan, D. 187

Wei, W.

-, Mo, Z. and Yao, S.

Multi-component analysis in solution using piezoelectric quartz sensors. Part I. Determination of o-cresol and m-cresol in water 143

Xiong, R.

—, Velasco, A., Silva, M. and Pérez-Bendito, D. Performance of the Kalman filter algorithm in differential reaction-rate methods 313

Xu, S., see Downard, A.J. 157

Yang, P., see Yuan, D. 187 Yao, S., see Wei, W. 143 Ying Tham, S., see Takeuchi, T. 291 Yuan, D.

-, Wang, X., Yang, P. and Huang, B.

On-line electrolytic dissolution of alloys and multi-element determination by inductively coupled plasma atomic emission spectrometry 187

Zambonin, P.G.

—, Guerrieri, A., Rotunno, T. and Palmisano, F. Simultaneous determination of γ -aminobutyric acid and polyamines by o-phthalaldehyde- β -mercaptoethanol precolumn derivatization and gradient elution liquid chromatography with electrochemical detection 101

Zaranyika, M.F., see Madungwe, L. 109

